

FIG. 1

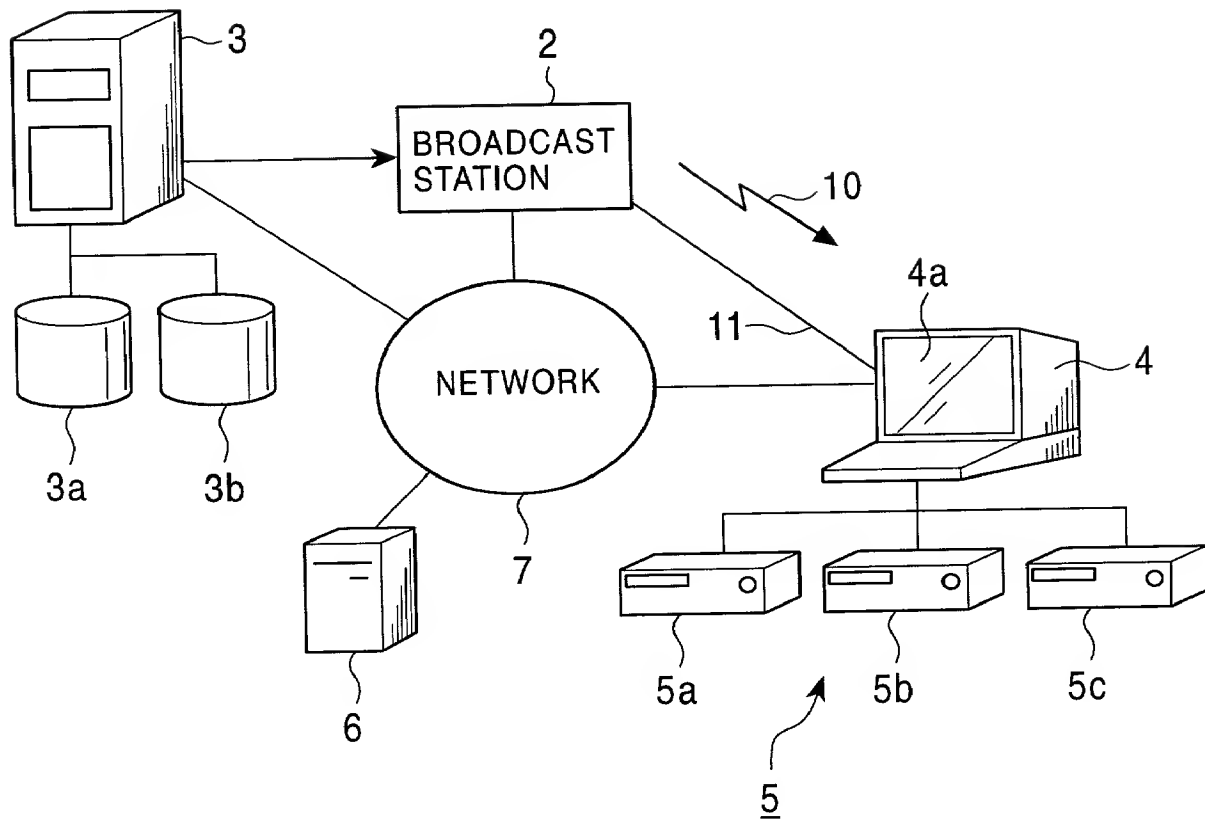


FIG. 2

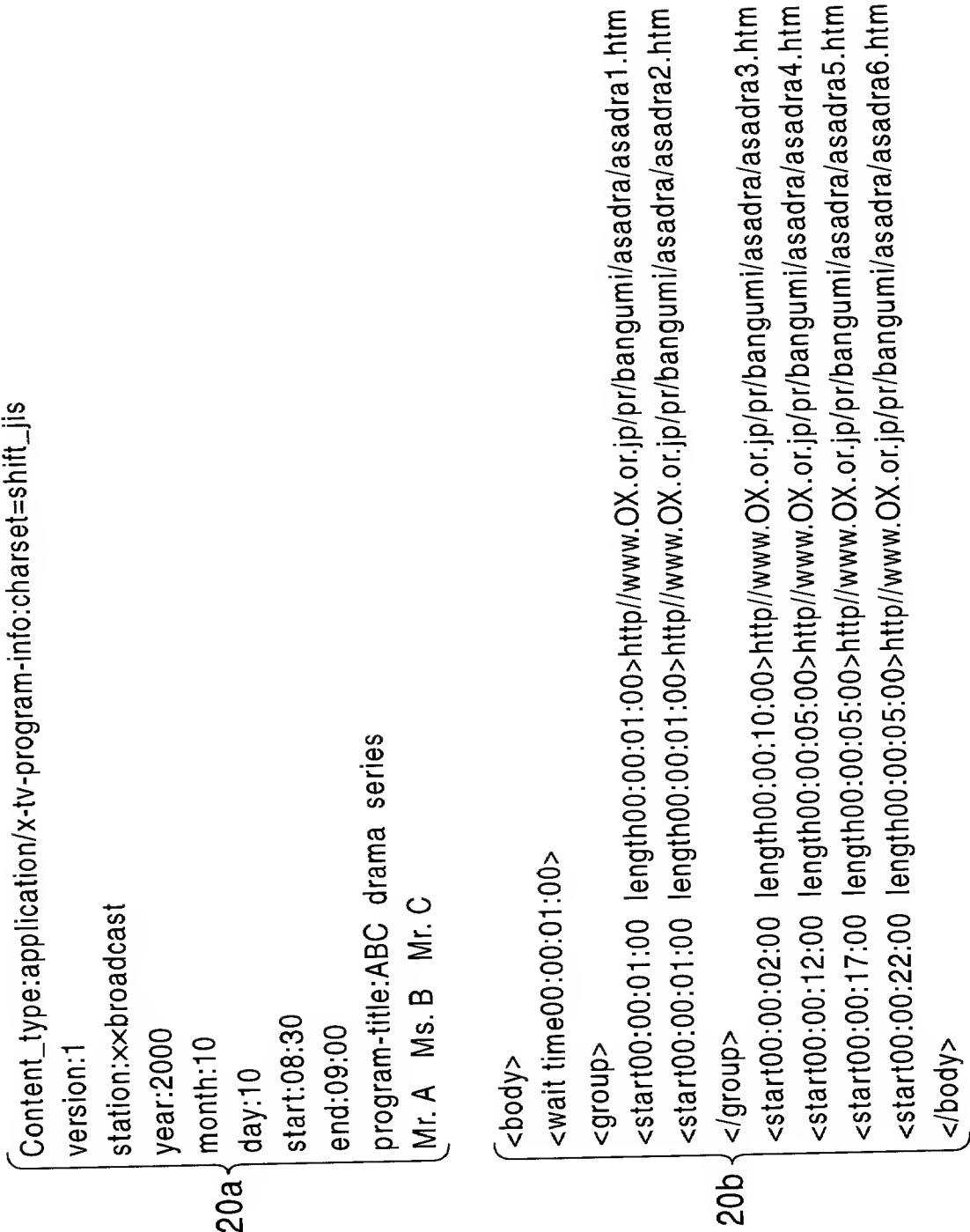


FIG. 3

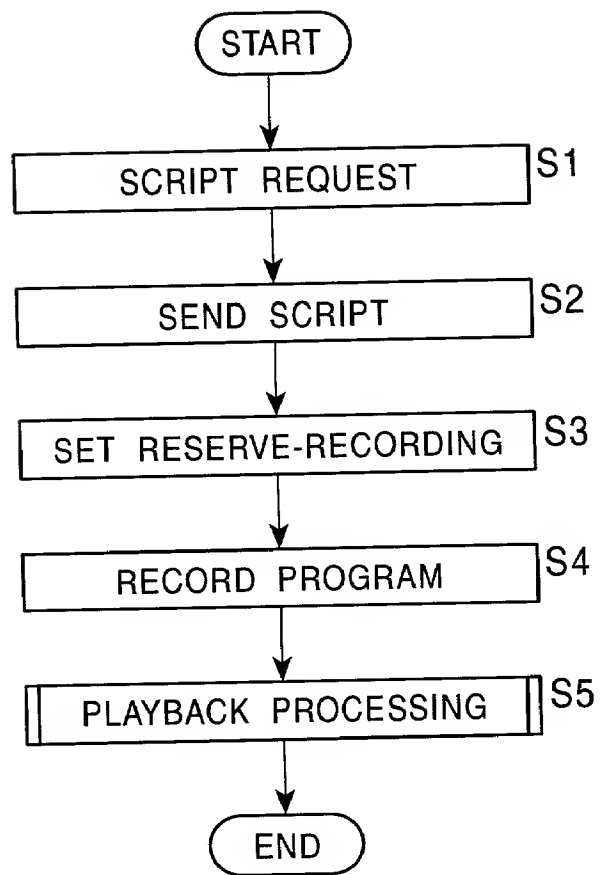


FIG. 4

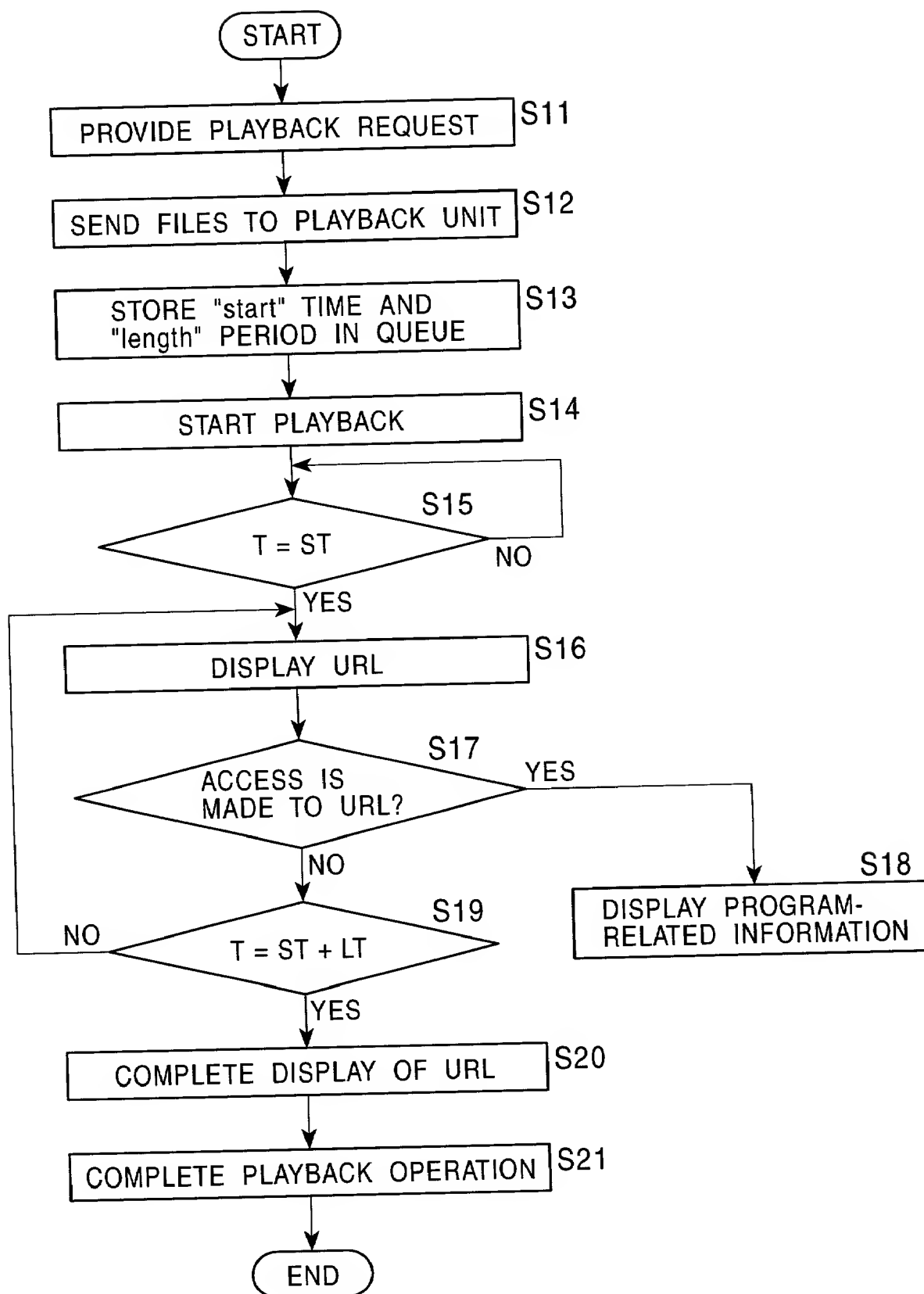


FIG. 5

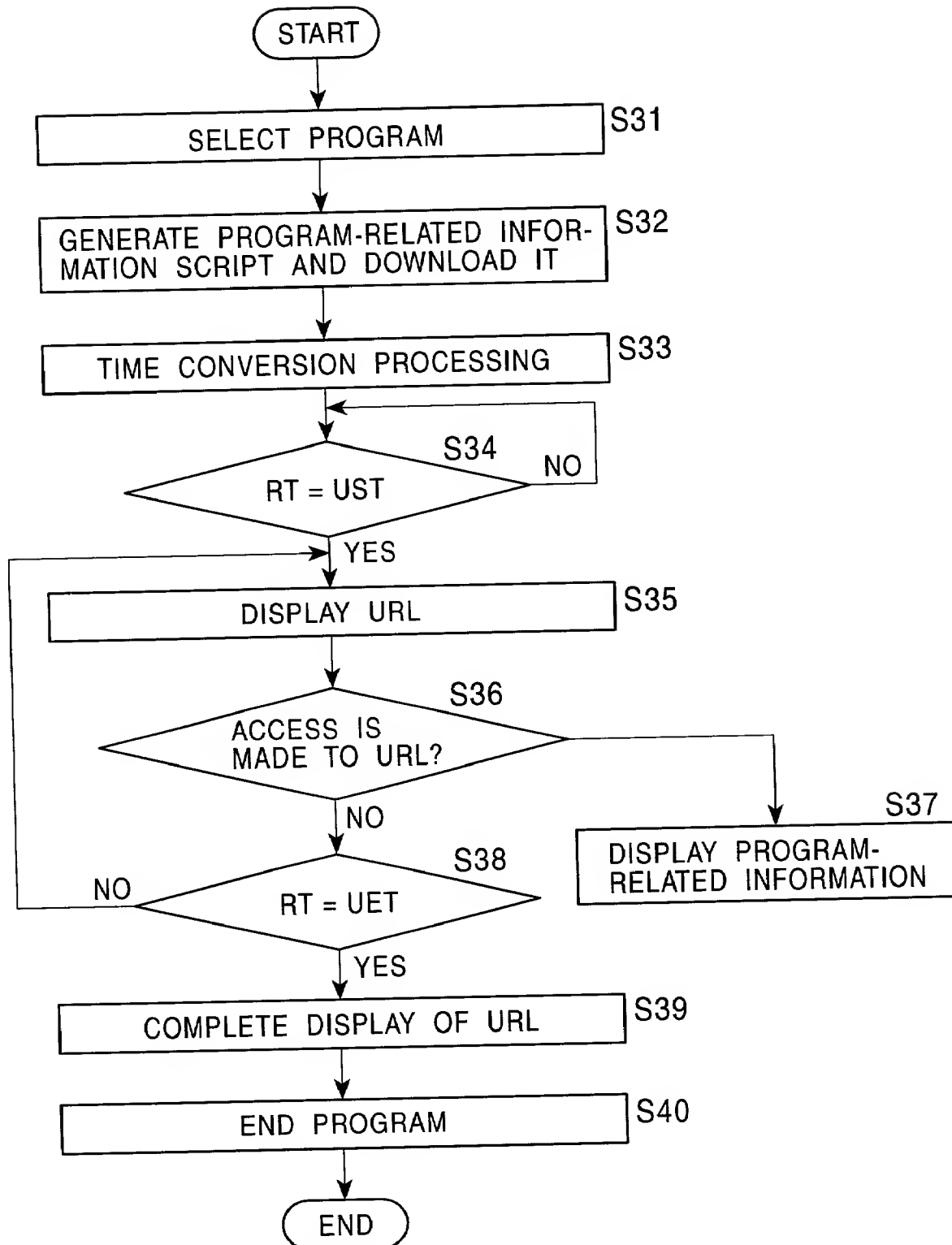


FIG. 6

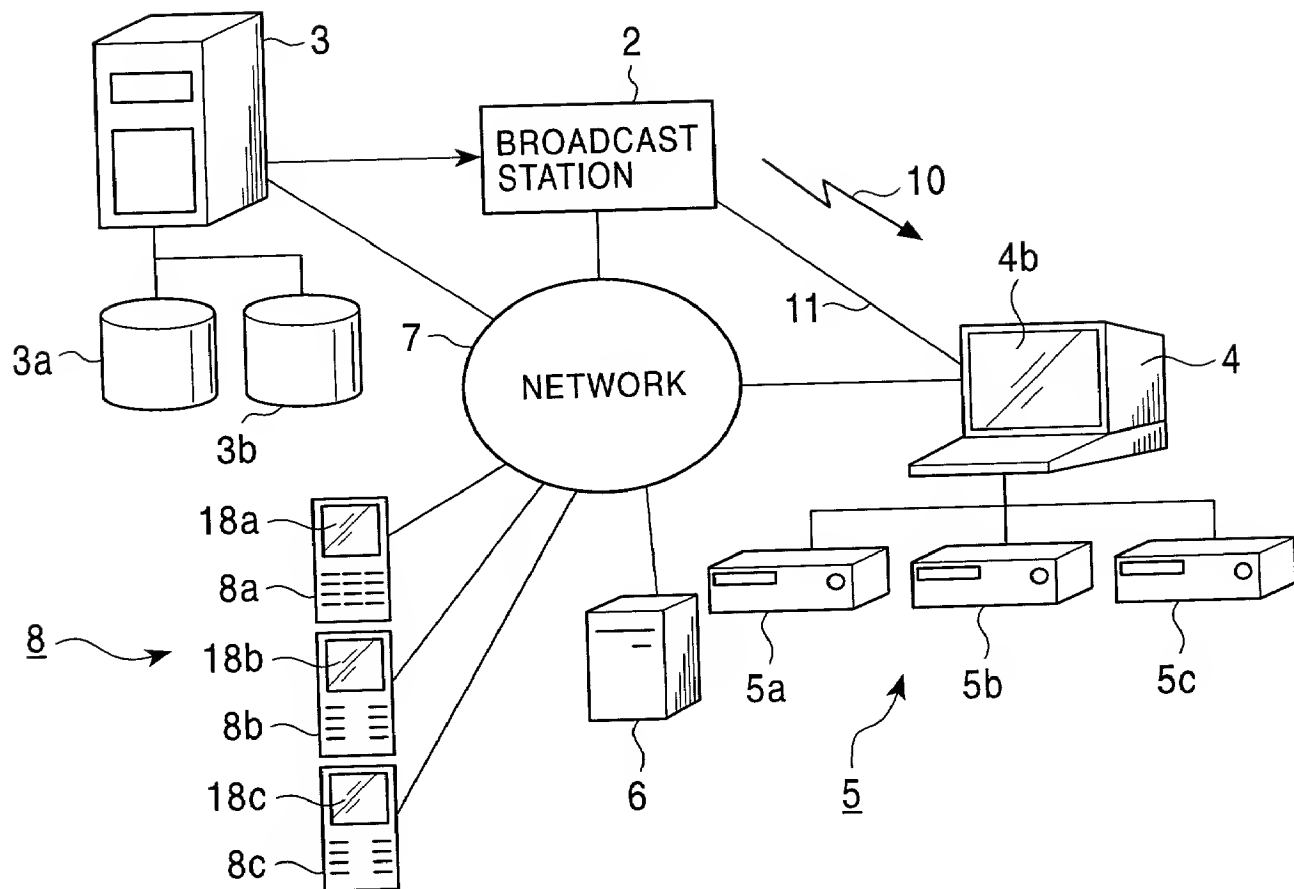


FIG. 7

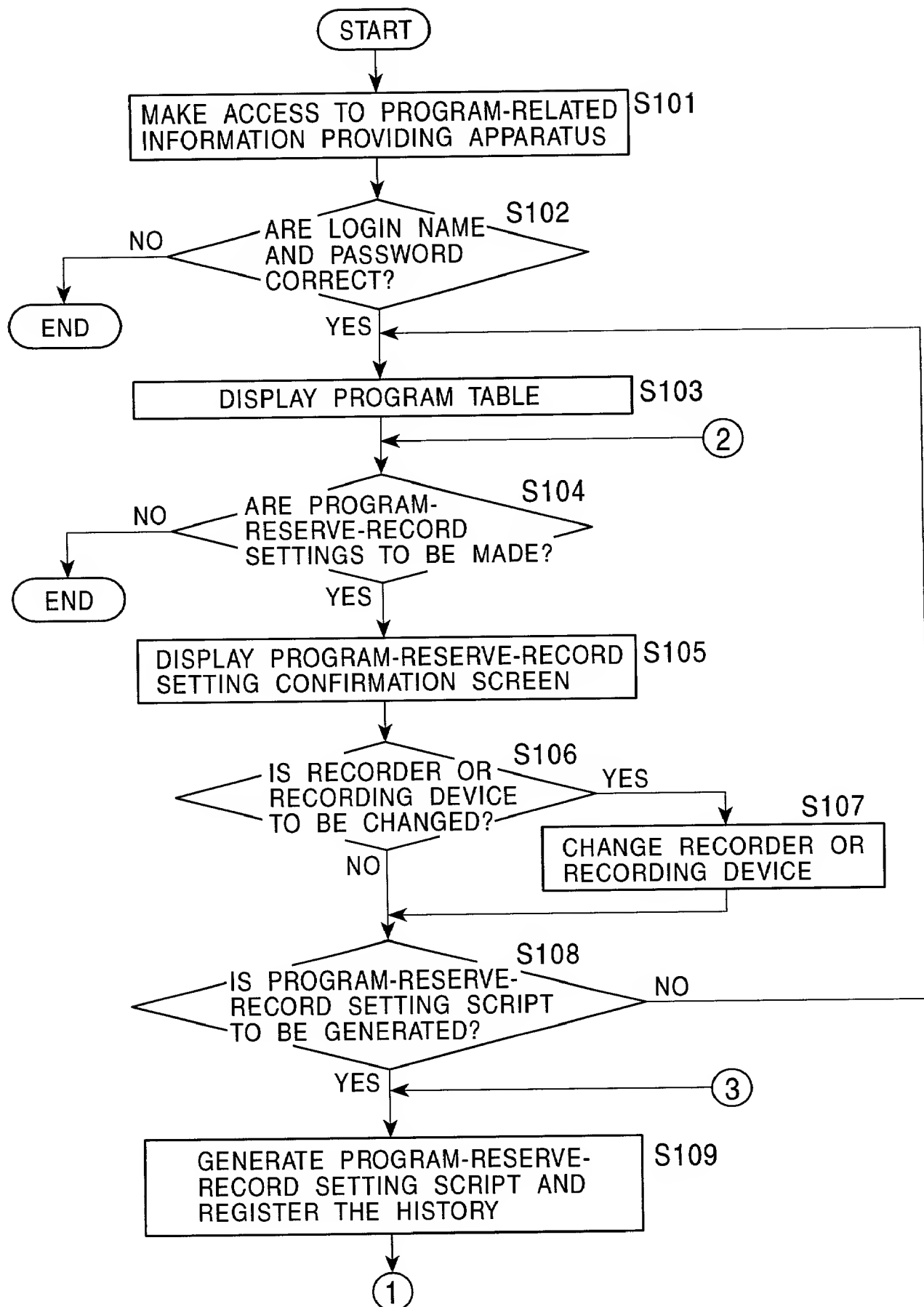


FIG. 8

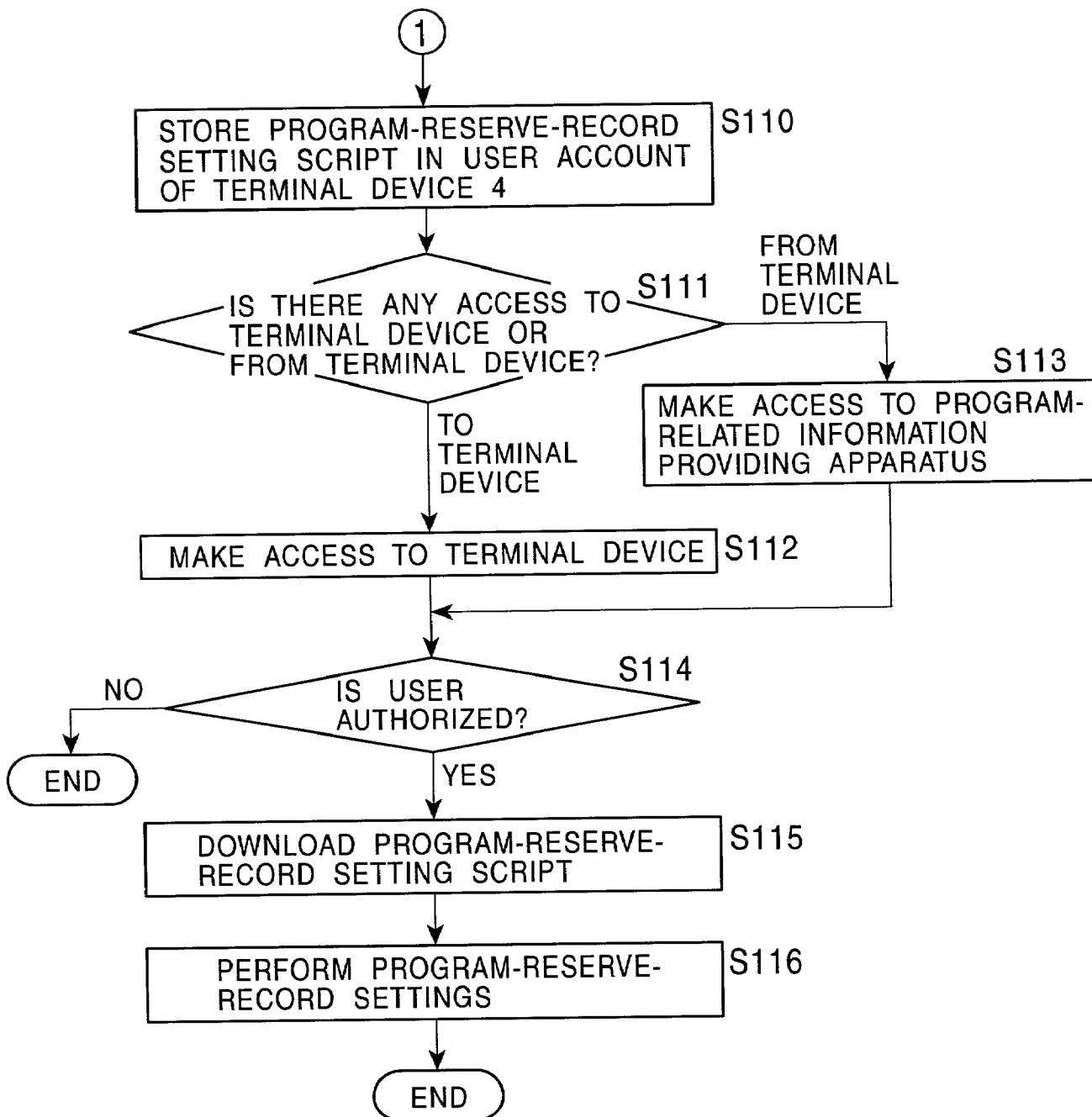


FIG. 9

| | 8 p.m. | 9 p.m. | 10 p.m. |
|-----------------------|--|--|--|
| AAA BROADCAST CH1 | 0 PROFESSIONAL WRESTLING (RESERVE) | 0 FRIDAY DRAMA (RESERVE) | 0 LA2 NEXT WEEK (RESERVE) |
| BBB BROADCAST CH2 | 0 SPECIAL (RESERVE) | 0 MOVIE THEATER (RESERVE) | 0 CUTE ANGEL KENT (RESERVE) |
| CCC BROADCAST CH3 | 0 MUSIC (RESERVE) | 0 GREAT NATURE (RESERVE) | 0 BOWLING (RESERVE) |
| DDD TV CH4 | 0 QUIZZES (RESERVE) | 0 THEATER (RESERVE) | 0 FRENCH MOVIE UNTIL 12 a.m. (RESERVE) |
| EEE TV CH5 | 0 NEWS (RESERVE) | 0 OLMPICS (RESERVE) | 0 OVERSEAS TRAVEL INFORMATION (RESERVE) |
| FFF BROADCAST CH6 | 0 FISHING (RESERVE) | 0 NEWS & SPORTS (RESERVE) | 0 HOW TO USE DIGITAL VIDEO (RESERVE) |
| GGG TV CH7 | 0 MOVIE THEATER (RESERVE) | 0 CAR PURCHASE INFORMATION (RESERVE) | 0 22DRAMA (RESERVE) |
| HHH TV CH8 | 0 COUNT DOWN (RESERVE) | 0 THEATER (RESERVE) | 0 YESTERDAY (RESERVE) |
| JJJ TV CH9 | 0 NEWS/ STOCK MARKET (RESERVE) | 0 SCIENCE (RESERVE) | 0 NY (RESERVE) |
| KKK BROADCAST CH10 | 0 CHALLENGE (RESERVE) | 0 SWORD (RESERVE) | 0 2/4 (RESERVE) |

FIG. 10

FILE(F) EDIT(E) VIEW(V) JUMP(G) COMMUNICATOR(C) HELP(H)

BACKWARD FORWARD RE-READ HOME SEARCH GUIDE PRINT

BOOKMARK SITE: ☐ RELATED SITE

Mr. A

station: EEE TV
year: 2000
month: 09
day: 01
start: 21:00
end: 22:00
program-title: WORLD CUP FOOTBALL
program-subtitle: JAPAN VS. GERMANY
Infrd:3
device Id:1

THE ABOVE PROGRAM HAS BEEN RESERVED.

DEVICE CHANGE RESERVE CONFIRMATION

DOCUMENT: COMPLETED

FIG. 11

FILE(F) EDIT(E) VIEW(V) JUMP(G) COMMUNICATOR(C) HELP(H)

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BACKWARD FORWARD RE-READ HOME SEARCH GUIDE PRINT SECURITY STOP

BOOKMARK SITE: ☒ ☐ RELATED SITE

DEVICES AVAILABLE FOR RESERVE-RECORDING USE ARE AS FOLLOWS.

| DEVICE ID | DEVICE TYPE | MANUFAC-TURER | MODEL | DEFAULT |
|-----------|-------------|---------------|----------|---------|
| 1 | DV | ○△□× | S△D-D01 | ◎ |
| 2 | VTR | ○△□× | D◎R-1000 | |
| 3 | DVD | ○△□× | D□P-F11 | |

REGISTER AS DEFAULT DEVICE?

YESNO

FIG. 12


| | | | | |
|-------------------------|----------------------|-------------------------------|---|---|
| | 0 | 30 | 0 | 0 |
| EEE TV CH5 | NEWS [RESERVE] | OLYMPICS [RESERVE] | WORLD CUP FOOTBALL [RESERVE] | FRENCH MOVIE [RESERVE] |
| | | |  | |
| FFF BROADCAST CH6 | FISHING [RESERVE] | NEWS & SPORTS [RESERVE] | ADVENTURE [RESERVE] | OVERSEAS TRAVEL INFORMATION [RESERVE] |

FIG. 13

FIG. 13 is a screenshot of a graphical user interface (GUI) for a program reservation system. The interface is enclosed in a window with a title bar and standard window controls (minimize, maximize, close) in the top right corner.

The main menu bar includes the following options: FILE(F), EDIT(E), VIEW(V), JUMP(G), COMMUNICATOR(C), and HELP(H). Below the menu bar is a toolbar with icons for navigation and search: BACKWARD (left arrow), FORWARD (right arrow), RE-READ (circular arrow), HOME (house icon), SEARCH (magnifying glass), GUIDE (empty box), PRINT (empty box), SECURITY (empty box), and STOP (empty box).

Below the toolbar is a section for bookmarks and site selection. It includes a "BOOKMARK" label, a "SITE:" label followed by a text input field, and a radio button labeled "RELATED SITE".

The main content area displays a message: "THE PROGRAMS YOU HAVE RESERVED ARE AS FOLLOWS." Below this message is a table listing the reserved programs:

| CHANNEL | RECORD START TIME | RECORD END TIME | TITLE |
|---------|----------------------|---------------------|--------------------|
| CH3 | 2000/09/01 22:30:00 | 2000/09/01 23:00:00 | CUTE ANGEL KENT |
| CH5 | 2000/09/01 20:00:00 | 2000/09/01 20:30:00 | NEWS |
| CH9 | 2000/09/01 20:30:00 | 2000/09/01 21:00:00 | SCIENCE |
| CH5 | 2000/09/01 21:00:00 | 2000/09/01 22:00:00 | WORLD CUP FOOTBALL |

Below the table are two buttons: "DELETE" and "RETURN".

The status bar at the bottom of the window shows "DOCUMENT: COMPLETED" and several small square icons on the right.

FIG. 14

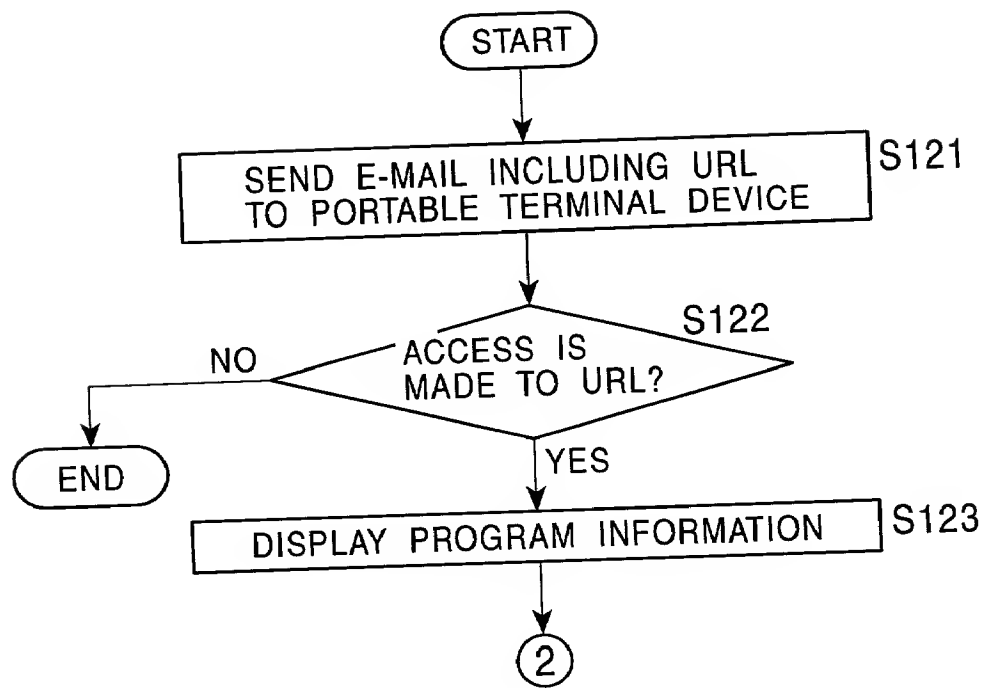


FIG. 15

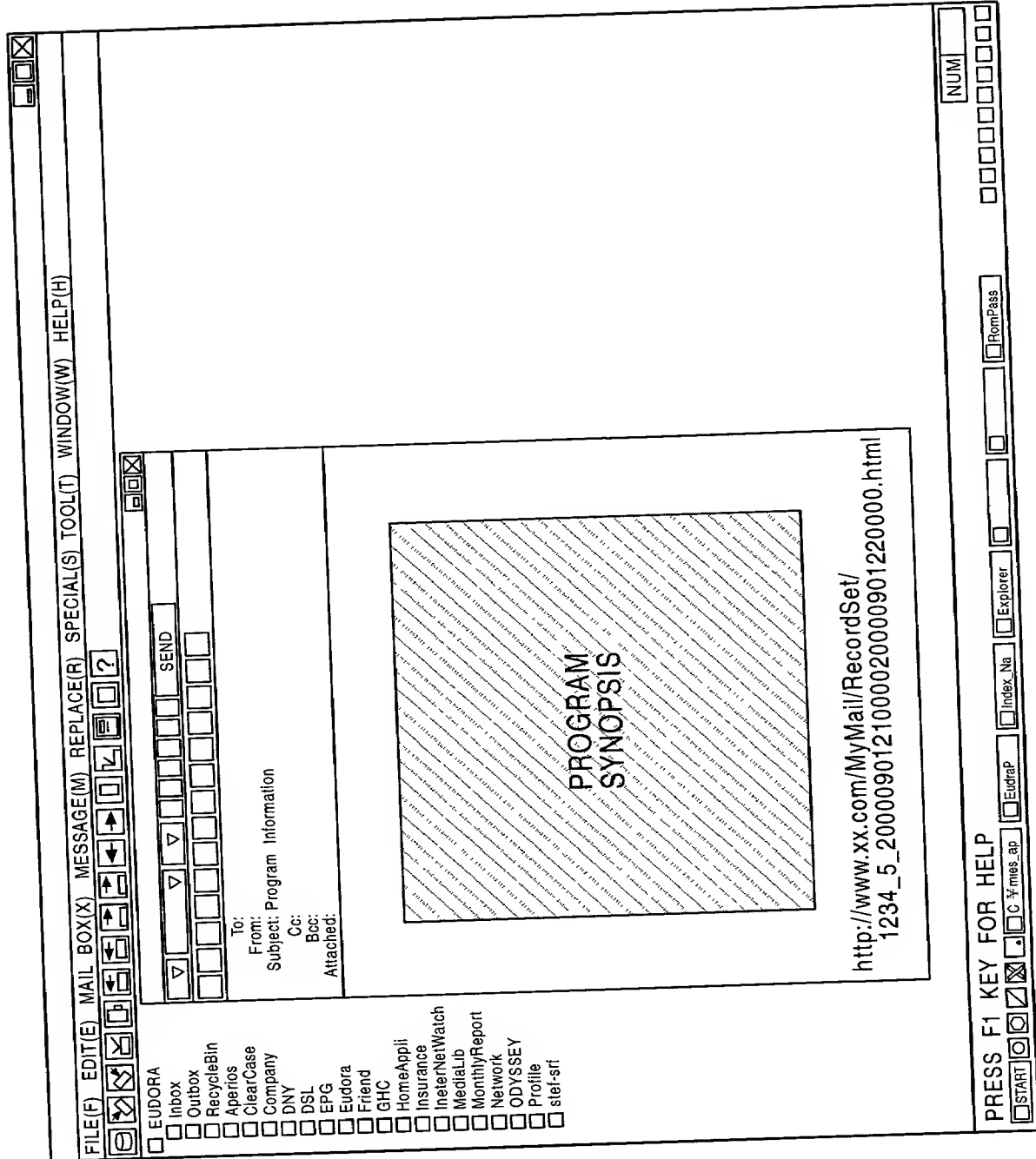


FIG. 16

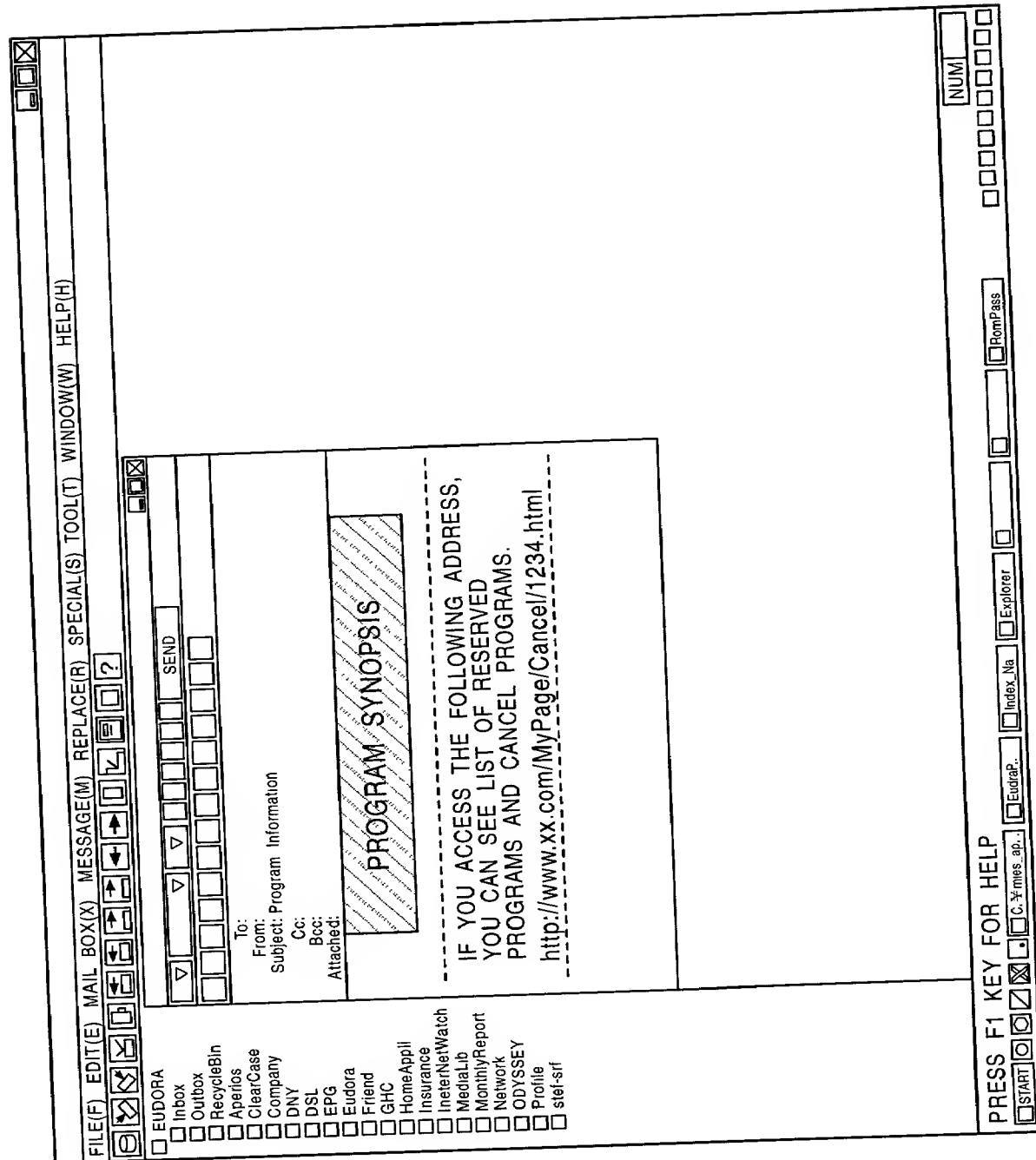


FIG. 17

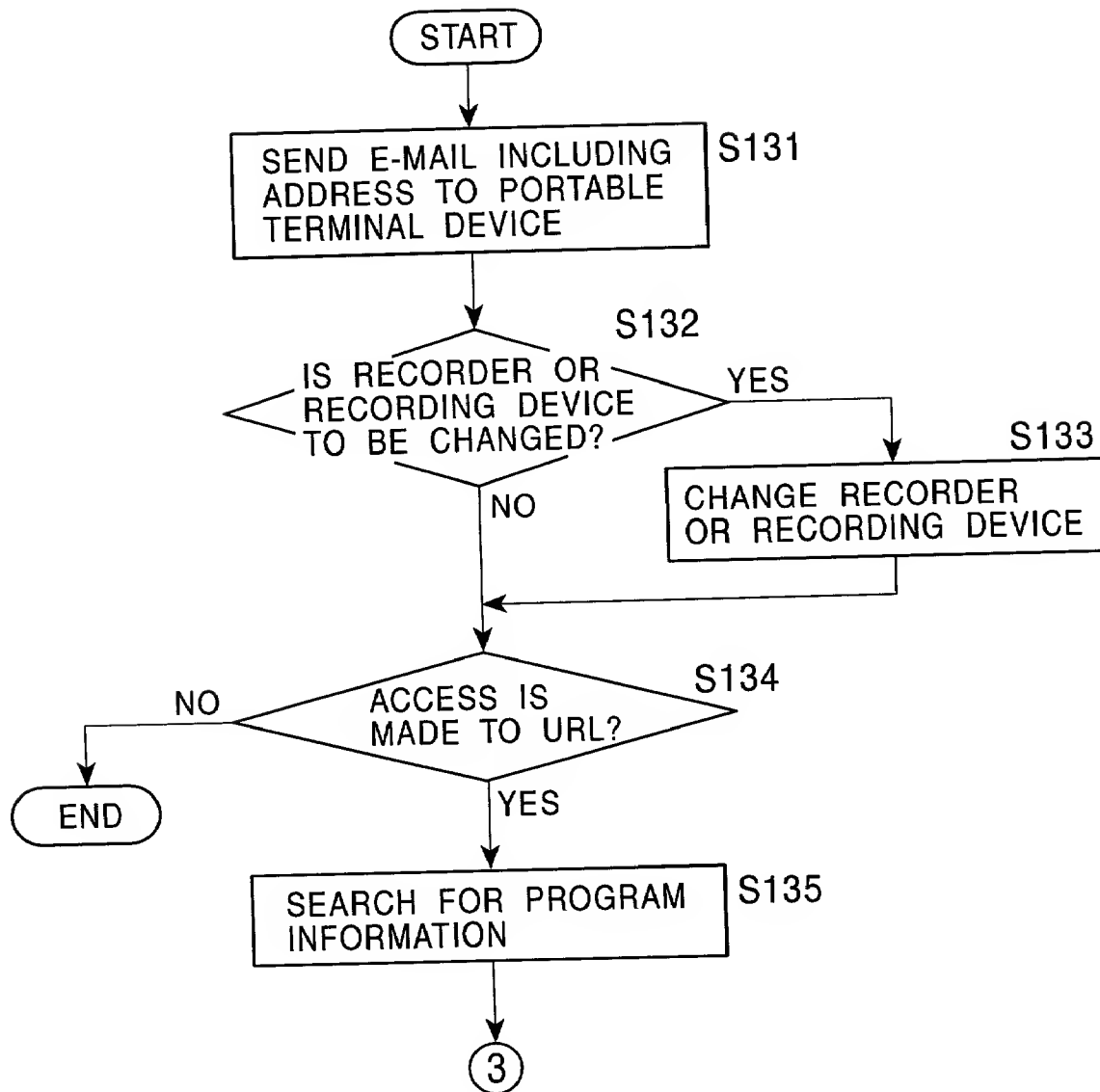


FIG. 18

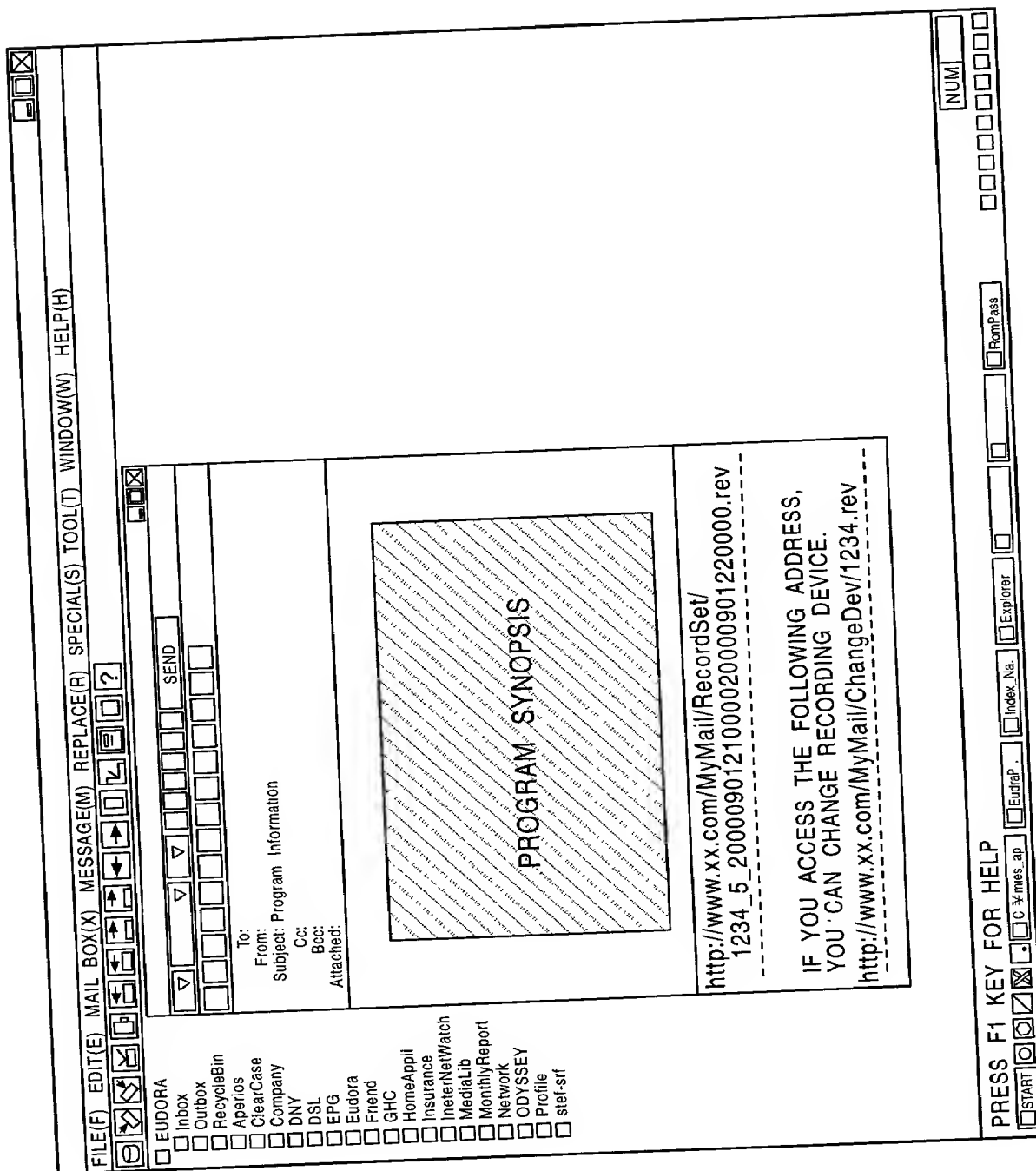


FIG. 19

| FILE(F) EDIT(E) MAIL BOX(X) MESSAGE(M) REPLACE(R) SPECIAL(S) TOOL(T) WINDOW(W) HELP(H) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---------------------|--------------------|-----------------|-------|-----|---------------------|---------------------|-----------------|---|--|--|--|-----|---------------------|---------------------|------|---|--|--|--|-----|---------------------|---------------------|---------|---|--|--|--|-----|---------------------|---------------------|--------------------|---|--|--|--|
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> EUDORA <input type="checkbox"/> Inbox <input type="checkbox"/> Outbox <input type="checkbox"/> RecycleBin <input type="checkbox"/> Aperios <input type="checkbox"/> ClearCase <input type="checkbox"/> Company <input type="checkbox"/> DNY <input type="checkbox"/> DSL <input type="checkbox"/> EPG <input type="checkbox"/> Eudora <input type="checkbox"/> Friend <input type="checkbox"/> GHC <input type="checkbox"/> HomeAppli <input type="checkbox"/> Insurance <input type="checkbox"/> InterNetWatch <input type="checkbox"/> MediaLib <input type="checkbox"/> MonthlyReport <input type="checkbox"/> Network <input type="checkbox"/> ODYSSEY <input type="checkbox"/> Profile <input type="checkbox"/> stef-srf | <div style="text-align: right;"> <input type="button" value="SEND"/> </div> <hr/> <p>To:</p> <p>From: Subject: Program Information</p> <p>Cc:</p> <p>Bcc:</p> <p>Attached:</p> <p>THE PROGRAMS YOU HAVE REGISTERED ARE AS FOLLOWS.</p> <p>IF YOU CHANGE RECORDING DEVICE, CLICK ON THE ADDRESS.</p> <table border="1"> <thead> <tr> <th>CHANNEL</th> <th>START TIME</th> <th>RECORD END TIME</th> <th>TITLE</th> </tr> </thead> <tbody> <tr> <td>CH3</td> <td>2000/09/01 22:30:00</td> <td>2000/09/01 23:00:00</td> <td>CUTE ANGEL KENT</td> </tr> <tr> <td colspan="4">http://www.xx.com/MyMail/DevChage/DevChange_1234_3_2000090122300020000901230000.rev</td> </tr> <tr> <td>CH5</td> <td>2000/09/01 20:00:00</td> <td>2000/09/01 20:30:00</td> <td>NEWS</td> </tr> <tr> <td colspan="4">http://www.xx.com/MyMail/DevChage/DevChange_1234_5_2000090120000020000901203000.rev</td> </tr> <tr> <td>CH9</td> <td>2000/09/01 20:30:00</td> <td>2000/09/01 21:00:00</td> <td>SCIENCE</td> </tr> <tr> <td colspan="4">http://www.xx.com/MyMail/DevChage/DevChange_1234_9_2000090120300020000901210000.rev</td> </tr> <tr> <td>CH5</td> <td>2000/09/01 21:00:00</td> <td>2000/09/01 22:00:00</td> <td>WORLD CUP FOOTBALL</td> </tr> <tr> <td colspan="4">http://www.xx.com/MyMail/DevChage/DevChange_1234_5_2000090121000020000901220000.rev</td> </tr> </tbody> </table> | CHANNEL | START TIME | RECORD END TIME | TITLE | CH3 | 2000/09/01 22:30:00 | 2000/09/01 23:00:00 | CUTE ANGEL KENT | http://www.xx.com/MyMail/DevChage/DevChange_1234_3_2000090122300020000901230000.rev | | | | CH5 | 2000/09/01 20:00:00 | 2000/09/01 20:30:00 | NEWS | http://www.xx.com/MyMail/DevChage/DevChange_1234_5_2000090120000020000901203000.rev | | | | CH9 | 2000/09/01 20:30:00 | 2000/09/01 21:00:00 | SCIENCE | http://www.xx.com/MyMail/DevChage/DevChange_1234_9_2000090120300020000901210000.rev | | | | CH5 | 2000/09/01 21:00:00 | 2000/09/01 22:00:00 | WORLD CUP FOOTBALL | http://www.xx.com/MyMail/DevChage/DevChange_1234_5_2000090121000020000901220000.rev | | | |
| CHANNEL | START TIME | RECORD END TIME | TITLE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH3 | 2000/09/01 22:30:00 | 2000/09/01 23:00:00 | CUTE ANGEL KENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| http://www.xx.com/MyMail/DevChage/DevChange_1234_3_2000090122300020000901230000.rev | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH5 | 2000/09/01 20:00:00 | 2000/09/01 20:30:00 | NEWS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| http://www.xx.com/MyMail/DevChage/DevChange_1234_5_2000090120000020000901203000.rev | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH9 | 2000/09/01 20:30:00 | 2000/09/01 21:00:00 | SCIENCE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| http://www.xx.com/MyMail/DevChage/DevChange_1234_9_2000090120300020000901210000.rev | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH5 | 2000/09/01 21:00:00 | 2000/09/01 22:00:00 | WORLD CUP FOOTBALL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| http://www.xx.com/MyMail/DevChage/DevChange_1234_5_2000090121000020000901220000.rev | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

FIG. 20

| FILE(F) EDIT(E) MAIL BOX(X) MESSAGE(M) REPLACER(R) SPECIAL(S) TOOL(T) WINDOW(W) HELP(H) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|---------------------|--------------------|------------------|-------|-----|---------------------|---------------------|--------------------|---|--|--|--|-------|--|--|--|---------------|---|--|--|-------|--|--|--|-----|---|--|--|-------|--|--|--|-----|---|--|--|-------|--|--|--|
| <div style="margin-bottom: 5px;"> <input type="checkbox"/> EUDORA <input type="checkbox"/> Inbox <input type="checkbox"/> Outbox <input type="checkbox"/> RecycleBin <input type="checkbox"/> Aperios <input type="checkbox"/> ClearCase <input type="checkbox"/> Company <input type="checkbox"/> DNY <input type="checkbox"/> DSL <input type="checkbox"/> EPG <input type="checkbox"/> Eudora <input type="checkbox"/> Friend <input type="checkbox"/> GHC <input type="checkbox"/> HomeAppli <input type="checkbox"/> Insurance <input type="checkbox"/> InterNetWatch <input type="checkbox"/> MediaLib <input type="checkbox"/> MonthlyReport <input type="checkbox"/> Network <input type="checkbox"/> ODYSSEY <input type="checkbox"/> Profile <input type="checkbox"/> stef-srf </div> | <div style="margin-bottom: 5px;"> <input type="button" value="V"/><input type="button" value="v"/><input type="button" value="A"/><input type="button" value="B"/><input type="button" value="C"/><input type="button" value="D"/><input type="button" value="E"/><input type="button" value="F"/><input type="button" value="G"/><input type="button" value="H"/><input type="button" value="I"/><input type="button" value="J"/><input type="button" value="K"/><input type="button" value="L"/><input type="button" value="M"/><input type="button" value="N"/><input type="button" value="O"/><input type="button" value="P"/><input type="button" value="Q"/><input type="button" value="R"/><input type="button" value="S"/><input type="button" value="T"/><input type="button" value="U"/><input type="button" value="V"/><input type="button" value="W"/><input type="button" value="X"/><input type="button" value="Y"/><input type="button" value="Z"/><input type="button" value="0"/><input type="button" value="1"/><input type="button" value="2"/><input type="button" value="3"/><input type="button" value="4"/><input type="button" value="5"/><input type="button" value="6"/><input type="button" value="7"/><input type="button" value="8"/><input type="button" value="9"/><input type="button" value="."/><input type="button" value=","/><input type="button" value="-"/><input type="button" value="+"/><input type="button" value="["/><input type="button" value="]"/><input type="button" value="{"/><input type="button" value="}"/><input type="button" value="`"/><input type="button" value="~"/><input type="button" value="!"/><input type="button" value="@"/><input type="button" value="#"/><input type="button" value="\$"/><input type="button" value="%"/><input type="button" value("&"=""/><input type="button" value="'"/><input "="" type="button" value="("/><input type="button" value=")"/><input type="button" value="*"/><input "="" type="button" value="/"/><input type="button" value=":"/><input type="button" value=";"/><input type="button" value="<"/><input type="button" value=">"/><input type="button" value="^"/><input type="button" value="_"/><input type="button" value="`"/><input type="button" value="~"/><input type="button" value="?"/><input style="width: 20px; height: 20px; margin-left: 5px;" type="button" value=" "/> </div> <div style="margin-bottom: 5px;"> <input type="button" value="V"/><input type="button" value="v"/><input type="button" value="A"/><input type="button" value="B"/><input type="button" value="C"/><input type="button" value="D"/><input type="button" value="E"/><input type="button" value="F"/><input type="button" value="G"/><input type="button" value="H"/><input type="button" value="I"/><input type="button" value="J"/><input type="button" value="K"/><input type="button" value="L"/><input type="button" value="M"/><input type="button" value="N"/><input type="button" value="O"/><input type="button" value="P"/><input type="button" value="Q"/><input type="button" value="R"/><input type="button" value="S"/><input type="button" value="T"/><input type="button" value="U"/><input type="button" value="V"/><input type="button" value="W"/><input type="button" value="X"/><input type="button" value="Y"/><input type="button" value="Z"/><input type="button" value="0"/><input type="button" value="1"/><input type="button" value="2"/><input type="button" value="3"/><input type="button" value="4"/><input type="button" value="5"/><input type="button" value="6"/><input type="button" value="7"/><input type="button" value="8"/><input type="button" value="9"/><input type="button" value="."/><input type="button" value=","/><input type="button" value="-"/><input type="button" value="+"/><input type="button" value="["/><input type="button" value="]"/><input type="button" value="{"/><input type="button" value="}"/><input type="button" value="`"/><input type="button" value="~"/><input type="button" value="!"/><input type="button" value="@"/><input type="button" value="#"/><input type="button" value="\$"/><input type="button" value="%"/><input type="button" value("&"=""/><input type="button" value="'"/><input "="" type="button" value="("/><input type="button" value=")"/><input type="button" value="*"/><input "="" type="button" value="/"/><input type="button" value=":"/><input type="button" value=";"/><input type="button" value="<"/><input type="button" value=">"/><input type="button" value="^"/><input type="button" value="_"/><input type="button" value="`"/><input type="button" value="~"/><input type="button" value="?"/><input style="width: 20px; height: 20px; margin-left: 5px;" type="button" value=" "/> </div> <div style="margin-bottom: 5px;"> <input type="button" value="SEND"/> </div> <div style="margin-bottom: 5px;"> <input type="button" value="To:"/> <input type="button" value="From:"/> <input type="button" value="Subject: Program Information"/> <input type="button" value="Cc:"/> <input type="button" value="Bcc:"/> <input type="button" value="Attached:"/> </div> <p style="text-align: center;">THE PROGRAMS YOU HAVE REGISTERED ARE AS FOLLOWS.</p> <p style="text-align: center;">IF YOU CHANGE RECORDING DEVICE, CLICK ON CORRESPONDING ADDRESS.</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width: 20%;">CHANEL</th> <th style="width: 20%;">PROGRAM START TIME</th> <th style="width: 20%;">PROGRAM END TIME</th> <th style="width: 40%;">TITLE</th> </tr> </thead> <tbody> <tr> <td>CH5</td> <td>2000/09/01 21:00:00</td> <td>2000/09/01 22:00:00</td> <td>WORLD CUP FOOTBALL</td> </tr> <tr> <td colspan="4">IF YOU CHANGE RECORDING DEVICE, SELECT ONE FROM THE FOLLOWING DEVICES.</td> </tr> <tr><td colspan="4">-----</td></tr> <tr> <td>Digital Video</td> <td colspan="3"> http://www.xx.com/MyMail//DevId/DevId_1234_15_200009012100020000901220000.rev </td> </tr> <tr><td colspan="4">-----</td></tr> <tr> <td>VTR</td> <td colspan="3"> http://www.xx.com/MyMail//DevId/DevId_1234_25_200009012100020000901220000.rev </td> </tr> <tr><td colspan="4">-----</td></tr> <tr> <td>DVD</td> <td colspan="3"> http://www.xx.com/MyMail//DevId/DevId_1234_35_200009012100020000901220000.rev </td> </tr> <tr><td colspan="4">-----</td></tr> </tbody> </table> | CHANEL | PROGRAM START TIME | PROGRAM END TIME | TITLE | CH5 | 2000/09/01 21:00:00 | 2000/09/01 22:00:00 | WORLD CUP FOOTBALL | IF YOU CHANGE RECORDING DEVICE, SELECT ONE FROM THE FOLLOWING DEVICES. | | | | ----- | | | | Digital Video | http://www.xx.com/MyMail//DevId/DevId_1234_15_200009012100020000901220000.rev | | | ----- | | | | VTR | http://www.xx.com/MyMail//DevId/DevId_1234_25_200009012100020000901220000.rev | | | ----- | | | | DVD | http://www.xx.com/MyMail//DevId/DevId_1234_35_200009012100020000901220000.rev | | | ----- | | | |
| CHANEL | PROGRAM START TIME | PROGRAM END TIME | TITLE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH5 | 2000/09/01 21:00:00 | 2000/09/01 22:00:00 | WORLD CUP FOOTBALL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| IF YOU CHANGE RECORDING DEVICE, SELECT ONE FROM THE FOLLOWING DEVICES. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ----- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Digital Video | http://www.xx.com/MyMail//DevId/DevId_1234_15_200009012100020000901220000.rev | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ----- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VTR | http://www.xx.com/MyMail//DevId/DevId_1234_25_200009012100020000901220000.rev | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ----- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DVD | http://www.xx.com/MyMail//DevId/DevId_1234_35_200009012100020000901220000.rev | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ----- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PRESS F1 KEY FOR HELP

NUM

FIG. 22

FILE(F) EDIT(E) MAIL BOX(X) MESSAGE(M) REPLACE(R) SPECIAL(S) TOOL(T) WINDOW(W) HELP(H)

| | |
|------|---|
| | <input type="checkbox"/> EUDORA <input type="checkbox"/> Inbox <input type="checkbox"/> Outbox <input type="checkbox"/> RecycleBin <input type="checkbox"/> Aperios <input type="checkbox"/> ClearCase <input type="checkbox"/> Company <input type="checkbox"/> DNY <input type="checkbox"/> DSL <input type="checkbox"/> EPG <input type="checkbox"/> Eudora <input type="checkbox"/> Friend <input type="checkbox"/> GHC <input type="checkbox"/> HomeAppli <input type="checkbox"/> Insurance <input type="checkbox"/> InterNetWatch <input type="checkbox"/> MediaLib <input type="checkbox"/> MonthlyReport <input type="checkbox"/> Network <input type="checkbox"/> ODYSSEY <input type="checkbox"/> Profile <input type="checkbox"/> stel-srf |
| SEND | To: From: Subject: Program Information Cc: Bcc: Attached: |

THE PROGRAMS YOU HAVE REGISTERED ARE AS FOLLOWS.
IF YOU CANCEL THE RESERVATION, CLICK ON THE ADDRESS.

| CHANNEL | START TIME | RECORD END TIME | TITLE |
|--|---------------------|---------------------|--------------------|
| CH3 | 2000/09/01 22:30:00 | 2000/09/01 23:00:00 | CUTE ANGEL KENT |
| http://www.xx.com/MyMail/Cancel/cancel_1234_ 3_200009012300020000901203000.rev | | | |
| CH5 | 2000/09/01 20:00:00 | 2000/09/01 20:30:00 | NEWS |
| http://www.xx.com/MyMail/Cancel/cancel_1234_ 5_2000090121000020000901203000.rev | | | |
| CH9 | 2000/09/01 20:30:00 | 2000/09/01 21:00:00 | SCIENCE |
| http://www.xx.com/MyMail/Cancel/cancel_1234_ 9_2000090120300020000901210000.rev | | | |
| CH5 | 2000/09/01 21:00:00 | 2000/09/01 22:00:00 | WORLD CUP FOOTBALL |
| http://www.xx.com/MyMail/Cancel/cancel_1234_ 5_2000090121000020000901220000.rev | | | |

FIG. 23

[illegible]